: SADDLE FITTING, FWD (QUTBOARD/INBOARD)

User:

Tuesday, 15/07/2008 4:11:58 PM

Julie Lecocq

## **Process Sheet**

Customer

: CU-DAR001 Dart Helicopters Services

S.O. No. :

Job Number **Estimate Number** 

: 40514 : 10530

P.O. Number

This Issue Prsht Rev.

: 15/07/2008

: NC

: // : 39806

: MACHINED PARTS Type

Part Number **Drawing Number** 

**Drawing Name** 

: D2571

Project Number

 D2571 REV E : N/A : E

**Drawing Revision** 

Due Date

Material \*

: 08/08/2008

10 Um: Qtv:

Each

**Previous Run** Written By

First Issue

Checked & Approved By Comment

I 02.10.02 Re-format; Change to Dwg Rev. D &

incorporated D2572KJ

**Additional Product** 

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

1.0

2.0

D6101007

Saddle Billet

Comment: Qtv.:

1.0000 Each(s)/Unit

Total: 10.0000 Each(s)

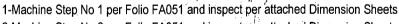
7075-T7351 8.25X7.75X2.5

Make from D6101-007 billet for D2571 Ensure that grain is along 7.75" length

Batch No: \$348.75 HAAS1







- 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets
- 4-Deburr and remove all machining marks
- 5-Tumble to remove sharp edges.

3.0

MILLING CONV



**Comment: CONVENTIONAL MILLING MACHINE** 

Machine keyway as per dwg D2571 & D2572

4.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE

Comment: INSPECT PARTS AS THEY COME OFF MACHINE



## **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		

		ALA	Fault Category: _	MACHIDIN	NCR Yes No	DQA:	Date: 08.08.27
D419-748-0	3/011		,	,	QA: N/C C	losed:	Date: 09/08/00

NCR: HO	514	WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC	Description of NC Corrective Action Section B		Verification	Approval	Approval	
DATE		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
08/13	2.0	part scrap, the skid balt pattern too thin. R.C. the part start too vibrate	DONEY 2	and replace Qty:1 Batch: 34875	08/08/13	Color of the Color	Esiwiz	080813

NOTE: Date & initial all entries

Tuesday, 15/07/2008 4:11:58 PM Date: Use Julie Lecoca **Process Sheet** Drawing Name: SADDLE FITTING, FWD (OUTBOARD/INBOARD) Customer: CU-DAR001 Dart Helicopters Services Job Number: 40514 Part Number: D2571 Job Number: Seq. #: **Machine Or Operation:** Description: 5.0 QC8 SECOND CHECK Comment: SECOND CHECK 6.0 HAND FINISHING1 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING POWDER COATING M108523 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 START TIME: **OVEN TEMPERATURE:** FINISH TIME: 8.0 QC3 Comment: INSPECT POWDER COAT PACKAGING RESOURCE 9.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: フル QC21 FINAL INSPECTION/W/O RE 10.0 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

## Dart Aerospace Ltd

W/O:		WORK ORDER C	CHANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
• :							
Part No	: <u> </u>	PAR #: Fault Category:	NCR: Y	es No DQ	A:	Date:	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B		Verification	Ammercal	Ammerical		
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto		
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NOTE: Date & initial all entries

QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

DART AEROSPACE LTD	Work Order: 40514				
Description: Saddle, Fwd Outboard	Part Number:	D2571			
Inspection Dwg: D2571 Rev. E		Page 1 of 1			

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Re	corded Actu	ual Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443		. 440	0.439	0.439	8,439"		
В	1.745	1.755		1.750	7.6	1,749"	1.750		
С	3.495	3.505		3.506	)	3,501"	3.501"		
D	1.745	1.755		1.750		1.749"	1 750		
Ē	7.990	8.010		8.000	K	2,005"	g':025"		
F	0.490	0.510		.502	40	.502'	504"		
G	0.257	0.262		258	259	1260	. 259		
Н	0.375	0.380		, 378	1378	.378	1.378 1		
	0.490	0.510		. 499	.498	.499	.498		
J	1.174	1.184		1.177	1.178	1.179	1.178		
K	0.558	0.578		:565	56/6	565	5/3		
L	1.174	1.184		1.177	1.178	1.179	1.178		
M	1.490	1.500	,	1.494	1.495	1.494	1.495		
N	2.495	2.505		2.500	2.500	2,500	2,506		
0	3.869	3.879		3.872	3.870	3.874	3.873		
Р	0.115	0.135		.126	126	.126	.127		
Q	0.115	0.135		. 135	1.135	135	135		
R	0.240	0.260		1250	1,257	-251	251		
S	0.115	0.135		, 136	132	· /31 ·	131		
Τ_	0.178	0.198		.188	.188	.188	. 188		
J	2.940	2.980		2,960	2.19519	2.966	2.960		
٧	0.230	0.250		.240	. 240	1.238	. J 38		
W	0.115	0.135		120	123	.122	.122		
Х	0.308	0.313		.309		,309"	309"		
Υ	0.760	0.765		766		7601	760"		
Z	0.352	0.372		.363		(363)	370		
AA	0.470	0.530		500	1500	506	.500		
AB	0.615	0.635		.631		.635"	,630		
AC	0.053	0.073		.063		.063	1063		
AD	0.240	0.260		.245	.247	.246	247		
AE	1.375	1.395		1.387	1.387	1.390	1.390		
AF	0.115	0.135		-136	1/32	.131	.131		
AG	0.240	0.280		260	-1260	.266	.260		
AH	0.240	0.260		,250	1249	.747	-246		
ΑI	2.000	2.020		2.000	2:000	2.004	2.005		
AJ	0.023	0.043		.033	,0337	,033"	,033°		
	Acc	ept/Reje	ct				,		

	0.0
Measured by: (-) / T. F.	Audited by
Date: 05/08//3	Date: 08/04/10

Rev	Date	Change	Révised by	Approved	
Α	, and the second	New Issue	RF		
В	02.09.24	Re-format; Added Rev. D	KJ		
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	SHO	P COPY
D	05.05.05	Added dimension Al	KJ/RF	_ //	URN TO
E	05.12.05	Added dimension AJ	KJ/JLM 🖟	ENG	NEERING
			7.17	WICONTU	OUTED

VNOONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO.\_\_\_\_\_

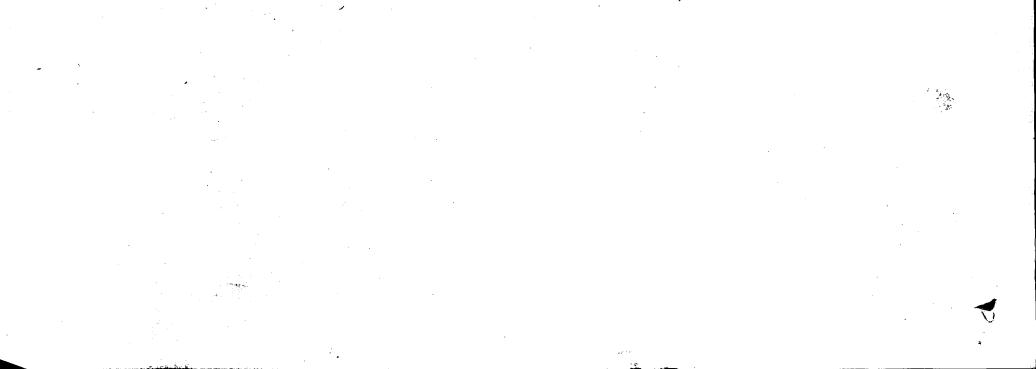
DART AEROSPACE LTD	Work Order:	40514
Description: Saddle, Fwd Outboard	Part Number:	D2571
Inspection Dwg: D2571 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Red	corded Actu	ual Dimensio	ons		
Dim	Min	Max	Go/No Go Gauge	15	16	67	18	Ву	Date
·A	0.438	0.443	0	\$ 4390	9,4/39"	d. 439"	0,439		
В	1.745	1.755		1.749	1,749"	1.749"	1,7494		
С	3.495	3.505		3.501.	3.501"	3.501"	3.50/		
D	1.745	1.755		1,749"	1. 749"	1. 749"	1, 749		
E	7.990	8.010		8,005	8,005"	9.005"	8,005"		
F	0.490	0.510		50.5	5/0	<i>5</i> 08 °	510"		
G	0.257	0.262		0,258	0,258	d.258"	8,258		
Н	0.375	0.380		d. 376"	Ø, 377"	8.377'	8,377		
ı	0.490	0.510	.8	500"	502'	5031	503'		
J	1.174	1.184		1. 182"	1.182"	1.182"	1, 182"		
K	0.558	0.578		562"	1566	567"	. 565"		
L	1.174	1.184		7.180"	1. 180"	1 /80"	1.180"		
М	1.490	1.500		1.4991	1:49911	1 499"	1,4991		
N	2.495	2.505		2502	2,502	2.502"	2,502	<b>'</b>	
0	3.869	3.879		3 874"	3 874"	3.874"	3,874"		
Р	0.115	0.135		126	126"	126	126"		
Ø	0.115	0.135		1,127"	1271	1271	リコブ		
R	0.240	0.260		252"	1250°	252	_250	. [	
S	0.115	0.135		1,730	1.35	130"	135"	•	
Т	0.178	0.198		B. 188"	A.188'	Q 788"	A 188"		
C	2.940	2.980		2,959"	2 959	15, 959°	2 959		
V	0.230	0.250		241"	.241"	242.1	341"		
W	0.115	0.135		1,72,2 "	122"	1,12,41	123"		
X	0.308	0.313		308"	3090	211	311"		
Υ	0.760	0.765		760	1760	1760	1760"		
Z	0.352	0.372		372		,372"	3 <i>72</i> "		
- AA	0.470	0.530		A,500	R. 500'	B.500"	A ,500°		
AB	0.615	0.635		(633)	633**	632	632"		
AC	0.053	0.073		1.063	,0631	_o63°	063"	· .	
AD	0.240	0.260		280	1260"	250''	250"		
ΑE	1.375	1.395		11.390"	1.389"	1,390"	1,389	,	
AF	0.115	0.135		, 125"	125"	.125	125"		
AG	0.240	0.280		246	246"	1246"	246		
AH	0.240	0.260		1250'		249"	7248"		
ΑI	2.000	2.020		2.005	2005"	2,004	2.004"		
AJ	0.023	0.043		1033"	ं033"	(9.33.)	103311		·
	Acc	ept/Reje	ct				V		<u></u>

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Measured by: 3'Y-	Audited by
Date: 08/09/15	Date: 08/08/10

Rev	Date	Change	/ Revised by	Approved
Α		New Issue	RF	
В	02.09.24	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM 🚓	
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DART AEROSPACE LTD	Work Order:	40514
Description: Saddle, Fwd Outboard	Part Number:	D2571
Inspection Dwg: D2571 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443		B.439	0,439"	0,439"			
В	1.745	1.755		17: 749"	1.749"	1,749	·		
С	3.495	3.505		3 501"	3 501"	3 501			
D	1.745	1.755		1,7491	1.749	1749"			
E	7.990	8.010		S 2005	8,005	8,005			
F	0.490	0.510		5040	, 5097	55041			
G	0.257	0.262		0,258	\$,258"	0,258"			
Н	0.375	0.380		9,377	0, 377'	0,377			
1 :	0.490	0.510		5091	509	509			
J	1.174	1.184		1,182	1, 182"	1,182			
K	0.558	0.578		575°	.575°	575"			
L	1.174	1.184		1,180%	1.180"	1.180"			
M	1.490	1.500		1.499	1.499	1,499			
N .	2.495	2.505		2502	` 2 502"	ふふる			
0	3.869	3.879		3,8741	3,874	3.874"			
Р	0.115	0.135		1260	126"	126			
Q	0.115	0.135		1270	(27"	127"			
R	0.240	0.260		251	,251"	251			
S	0.115	0.135		'734"	1130"	. 130"			•
Τ	0.178	0.198		R.788"	A 188"	R.188'			
U	2.940	2.980		2.9591	2 9591	2 959	<b>&amp;</b>		
V	0.230	0.250		241	242"	24/"			
W	0.115	0.135		121"	1/21"	./21"			
Χ	0.308	0.313		310	1310"	(3/0'			
Υ	0.760	0.765		1760"	,760"	760			
Z	0.352	0.372	·	,372"	;372°	372"			
AA	0.470	0.530		A, 500	A 500	A 500			
AB_	0.615	0.635		633"	633"	625			
AC ·	0.053	0.073		063"	0631	,0631			*
AD	0.240	0.260		2.50"	<u>~250</u> °	250			
AE_	1.375	1.395		17.389"	1.390"	1,391"			
AF	0.115	0.135		1251	125"	125"			
AG	0.240	0.280		246	296	,246	l 		
AH	0.240	0.260		248	248"	248			
Al_	2.000	2.020		2,004"	2,0041	2.005			
AJ_	0.023	0.043		.033°	<i>, 0</i> 33"	033"			
Accept/Reject			'						

·	
Measured by:	Audited by
Date: 08/08/15	Date: 08/05/10
30/33/7	

Rev	Date	Change	Revised by	Approved
Α	-	New Issue	RF	
В	02.09.24	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM 🚓	- 411

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